

ABSTRACT

In a cooling device for cooling an object to be cooled without using a forced cold air circulating system, which circulates cold air forcibly, a cooling device at a practical level is provided, and a cooling device capable of

5 achieving a sufficient cooling effect is provided. A cooler 18 is provided in an interior that is insulated adiabatically from an exterior, a cooling fan 20 is disposed on a front surface of the cooler 18, a cooling chamber 22 in which an object to be cooled is placed is defined by a space in front of the cooling fan 20, a cooled air behind the cooling fan 20 is drawn with the fan and allowed to

10 flow into the cooling chamber 22, and $a/D = 1/2$ to $1/4$ is satisfied, where a indicates a dimension of a gap between the cooler 18 and the cooling fan 20 along a front-back direction and D indicates a diameter of the cooling fan 20.